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**Department of Forensic Science  
Breath Alcohol Section  
Instrument Maintenance History  
12/5/2013 To 12/5/2014**

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<b>Instrument Serial Number:</b>	<b>010416</b>	<b>As of 08-Dec-14</b>
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Maintenance	Certification	Technician	
Date	Date	Initials	Remarks
05-Dec-14	28-Aug-14	SED (24178)	REPLACED UPS BACK-UP BATTERY.
28-Aug-14	28-Aug-14	DBH (21250)	CERTIFIED.
14-Mar-14	14-Mar-14	HMS (18910)	CERTIFIED

gnd

# INTOX EC/IR II Quality Assurance Worksheet

Instrument Serial Number 010416 Worksheet Start Date 12/5/2014  
Location Floyd Co SO  
Address 100 E Main St, Floyd, VA 24091  
DFS Technician Sarah Dersch License No. 24178  
☐ Laboratory ☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) 705 Reference Barometer (mm HG) 706  
Reference Barometer(RB)Serial # 009111 RB Calibration Due 5/19/2015

## Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.286
0.300	0.278	0.269	0.286	Sample 2	0.285
Precision		sample min	sample max	Sample 3	0.284
0.002		0.284	0.286		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.093
0.100	0.093	0.090	0.096	Sample 2	0.093
Precision		sample min	sample max	Sample 3	0.093
0		0.093	0.093		

Dry gas standard Lot No. (with tank no.) AG320502-19

☐ Replaced dry gas standard (+O-ring)

☐ Installed at Location

☐ Removed to DFS-Central

Supplies  
Mouthpieces  
Certificates of Analysis  
Operator Worksheet  
Other:



## Notes:

REPLACED UPS BACK-UP BATTERY.

Instrument Serial Number

010416

Certification Date

☐ Calibrated☐ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Date

12/8/14

Issuing Analyst

Date

12/8/14

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# **Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010416      Test Number: 1540

Test Date: 12/05/2014      Test Time: 12:06 EST

Dry Gas Target: 0.278

Lot Number: AG428003-03      Exp Date: 10/07/2016

Tank Pressure: 473 psi      Barometric Pressure: 704 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	12:07
CHK	0.286	12:08
BLK	0.000	12:09
CHK	0.285	12:10
BLK	0.000	12:12
CHK	0.284	12:12

Test Status: *Success*

Calibration CRC: F50C2EF1

Unable to perform instrument test  
due to instrument being  
powered down. 12/5/14 sd

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**Intox EC/IR-II: Accuracy Check**

*Department of Forensic Science*

Serial Number: 010416      Test Number: 1541

Test Date: 12/05/2014      Test Time: 12:17 EST

Dry Gas Target: 0.093

Lot Number: AG320502-19      Exp Date: 07/24/2015

Tank Pressure: 698 psi      Barometric Pressure: 704 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	12:18
CHK	0.093	12:19
BLK	0.000	12:20
CHK	0.093	12:21
BLK	0.000	12:22
CHK	0.093	12:23

Test Status: *Success*

Calibration CRC: F50C2EF1




COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS  
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED <b>INSTRUMENT, TEST,</b>	NAME OF COURT <b>DFS</b>
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY <b>DERSCH, SARAH, E</b>		AGENCY <b>DFS Central Lab</b>
DFS LICENSE NUMBER <b>24178</b>	LICENSE EXPIRES <b>10/01/2016</b>	DATE TEST CONDUCTED <b>12/05/2014</b>
TEST EQUIPMENT NUMBER <b>010416</b>		

RESULTS: TIME SAMPLE TAKEN 12:33 EST  
SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_\_.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS \_\_\_\_\_  
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS \_\_\_\_\_  
OPERATOR'S SIGNATURE



# IntoxNet MIS Report

Report Generated 08 Dec 2014 at 12:37

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## Test Results

Instrument Serial Number 010416

Test # 001542 Subject Test

Test Location 1 Department of

Test Date 05 Dec 2014

Test Location 2 Forensic Science

Test Time 12:26

Remote/Local Local

Test Location 3

System Check Passed

Operator's Last Name DERSCH

Agency DFS Central Lab

Card Serial Number 124178

Subject's Last Name INSTRUMENT

Subject's Middle Initial

Driver's License Number

Driver's License State

End Date 05 Dec 2014 End Time 12:34

Data Type DIAG

Data Type BLK

Data Type CHK

Data Type BLK

Data Type SUBJ

Data Type BLK

Data Type SUBJ

Data Type BLK

Standard Type Dry Gas Std

Standard Lot Number AG320502-19

Tank Pressure 693

Blow Sample Number 1 Blow Duration 3.78 sec

Blow Sample Number 2 Blow Duration 4.19 sec

Tamper Evident Stamp 1004e5b2

Test Status Success

Operator's First Name SARAH

Effective Date 10/01/2014

Subject's Date of Birth 00/00/0000

License Number 24178

Operator's Middle Initial E

Expiration Date 10/01/2016

Subject's First Name TEST

Subject's Sex Male

Driver's License Expiration 00/00/0000

Court Name DFS

Result Time 12:33

Result Date 05 Dec 2014

Result 0.00

Sample Value Pass

Sample Value 0.000

Sample Value 0.093

Sample Value 0.000

Sample Value 0.000

Sample Value 0.000

Sample Value 0.000

Sample Value 0.000

Sample Time 12:27

Sample Time 12:28

Sample Time 12:28

Sample Time 12:30

Sample Time 12:30

Sample Time 12:31

Sample Time 12:33

Sample Time 12:34

Standard Value 0.093

Standard Expiration Date 07/24/2015

Barometric Pressure 704 mmHg

Blow Volume 1910 cc End-of-Blow Time 12:30

Blow Volume 1773 cc End-of-Blow Time 12:33

Test Status Code 0

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JPD

**Department of Forensic Science**  
**Breath Alcohol Section**  
**Trouble Call Log**  
**12/4/2014 To 12/4/2014**

**Instrument Serial Number:** 010416

08-Dec-14

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**Date:** 04-Dec-14    **Time:** 11:05 AM    **Remote:** False    **Tech:** JPD (19715)    **Location:** Floyd County Sheriff's Office

**Indication:** LOSS OF POWER

**Problem:** LOSS OF POWER. UPS BACK-UP BATTERY OFF.

**Technician Response:** SITE VISIT CONDUCTED. ISSUE RESOLVED.

**Resolution:** NO FURTHER ACTION REQUIRED.

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